Arthur DANJOU

Master's Student in Applied Mathematics - Focused in Statistics

Profile

I am a first-year Master's student in Mathematics at Université Paris-Dauphine, with a strong passion for mathematics, artificial intelligence, and innovation. I am eager to contribute to research and real-world applications through an internship focused on applied statistics and data analysis.

Work experiences

FEB 2022 — PRESENT

ArtDanjProduction
AUTO ENTREPRENEUR

Responsibilities

- **Development**, design and conception of personal projects
- Learning new **programming languages** and new technologies
- Maintaining and updating projects in production
- Fixing **bugs**
- Writing documentation and articles related to projects

SEP 2022 — NOV 2024

Picard
SALES ASSISTANT II

Responsibilities

- Welcoming and advising **customers**
- Restocking and delivering products in the store
- Ordering products depending on the global stock
- **Cold-chain** monitoring and cleanup of the freezers

JUN 2019 — 2 WEEKS

Idemia
OBSERVATION INTERNSHIP

Responsibilities

- Discovery of the **AI sector** of a leading company in Identity
- Discovery of the IT sector and the **Datacenter**
- **Meetings** with different professions of the company (developers, engineers, …) to ask questions and explore their jobs

Education

SEP 2024 — MAY 2025

M1 Mathematics Applied in Statistics
UNIVERSITÉ PARIS-DAUPHINE

SEP 2021 — MAY 2024

Mathematics Bachelor's degree
with **honors (14,4/20)**
UNIVERSITÉ PARIS-SACLAY

2021

Mathematics & Physics-Chemistry Baccalaureate with **honors** (15,2/20)
LA SALLE PASSY-BUZENVAL HIGH SCHOOL

Info

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Skills

- **Programming Languages** (Python, R, TypeScript, Java), **Git** and **LaTeX**.
- Many libraries (numpy, matplotlib, …)
- **Databases** (SQL, Redis)
- Hosting and deployment (VPS and Cloud)
- Containerisation with **Docker**
- Principal Components Analysis (PCA)
- Factorial Correspondence Analysis (FCA)
- Inferential **Statistics** (tests, confident intervals and estimators)
- Generalized Linear Models
- Linear Algebra

Soft Skills

- **Organised**
- Determined
- Curious
- Patient
- **Team player**

Languages

- French (native)
- English (B2/C1)
- Spanish (A1/A2)

Interests

- Mathematics
- AI
- Programming
- Cloud & Infrastructure
- Sport